faro.	llit aut get by scarrier 163/ Rue
Serial	Number: 09/28/7/7 REGETV
\ <u> </u>	Changed a file from non-ASCII to ASCII ENTERED
⁷ 🗆	Changed the margins in cases where the sequence text was "wrapped" do the next line.
	Edited a format error in the Current Application Data section, specifically
	Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other
	Added the mandatory heading and subheadings for "Current Application Data".
	Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
	Changed the spelling of a mandatory field (the headings or subheadings), specifically:
	Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
	Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
	Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
	Inserted colons after headings/subheadings. Headings edited included:
	Deleted extra, invalid, headings used by an applicant, specifically:
	Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file ☐ page numbers throughout text; ☐ other invalid text, such as
	Inserted mandatory headings, specifically:
	Corrected an obvious error in the response, specifically:
	Edited identifiers where upper case is used but lower case is required, or vice versa.
	Corrected an error in the Number of Sequences field, specifically:
	A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
	Deleted <i>ending</i> stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected:
	Other: Segh-corrected Leulen to Ilelen in 2223) exploration for positions 15-16
,	
*Eva!	The shows corrections must be communicated to the applicant in the first Office

^{*}Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT s nd a copy of this form.

44

<220> FEATURE:

RAW SEQUENCE LISTING PATENT APPLICATION US/09/281,717

This Raw Listing contains the General Information

DATE: 04/24/2000 TIME: 19:33:37

```
Section and up to first 5 pages.
     <110> APPLICANT: Baxter, John D.
           Darimont, Beatrice
 2
           Feng, Weijun
 3
           Fletterick, Robert J.
 5
           Kushner, Peter J.
           Wagner, Richard L.
 6
 7
           West, Brian
           Yamamoto, Keith R.
     <120> TITLE OF INVENTION: METHODS AND COMPOUNDS FOR MODULATING NUCLEAR RECEPTOR
 9
10
           COACTIVATOR BINDING
11
     <130> FILE REFERENCE: UCAL-253/02US
     <140> CURRENT APPLICATION NUMBER: US/09/281,717
     <141> CURRENT FILING DATE: 1999-03-30
13
     <150> EARLIER APPLICATION NUMBER: US 60/079,956
     <151> EARLIER FILING DATE: 1998-03-30
15
     <160> NUMBER OF SEQ ID NOS: 51
     <170> SOFTWARE: PatentIn Ver. 2.1
17
18
     <210> SEQ ID NO 1
19
     <211> LENGTH: 5
20
     <212> TYPE: PRT
21
     <213> ORGANISM: Homo sapiens
22
     <220> FEATURE:
23
     <221> NAME/KEY: SITE
     <222> LOCATION: (2)..(3)
24
     <223> OTHER INFORMATION: Xaa = Any Amino Acid
     <400> SEQUENCE: 1
26
27
           Leu Xaa Xaa Leu Leu
28
             1
29
     <210> SEQ ID NO 2
30
     <211> LENGTH: 6
     <212> TYPE: PRT
31
32
     <213> ORGANISM: Homo sapiens
33
     <220> FEATURE:
     <221> NAME/KEY: SITE
34
35
     <222> LOCATION: (3)..(4)
     <223> OTHER INFORMATION: Xaa = Any Amino Acid
36
37
     <400> SEQUENCE: 2
38
           Ile Leu Xaa Xaa Leu Leu
39
             1
40
     <210> SEQ ID NO 3
41
     <211> LENGTH: 5
42
     <212> TYPE: PRT
43
     <213> ORGANISM: Homo sapiens
```

DATE: 04/24/2000 PAGE: RAW SEQUENCE LISTING PATENT APPLICATION US/09/281,717 TIME: 19:33:37 Input Set: I281717.RAW <221> NAME/KEY: SITE <222> LOCATION: (2)..(3) 46 47 <223> OTHER INFORMATION: Xaa = Any Amino Acid <400> SEQUENCE: .3 48 49 Phe Xaa Xaa Leu Trp 50 1 <210> SEQ ID NO 4 51 <211> LENGTH: 5 52 53 <212> TYPE: PRT 54 <213> ORGANISM: Homo sapiens 55 <220> FEATURE: <221> NAME/KEY: SITE 57 <222> LOCATION: (2)..(3) <223> OTHER INFORMATION: Xaa = Any Amino Acid 59 <400> SEQUENCE: 4 W--> 60 Phe Xaa Xaa Ala Leu 61 1 62 <210> SEQ ID NO 5 <211> LENGTH: 34 63 <212> TYPE: PRT 65 <213> ORGANISM: Homo sapiens 66 <400> SEQUENCE: 5 Ala Glu Gly His Ser Arg Leu His Asp Ser Lys Gly Gln Thr Lys Leu 67 68 10 Leu Gln Leu Leu Thr Thr Lys Ser Glu Gln Met Glu Pro Ser Pro Leu 69 70 20 25 71 Ala Ser <210> SEQ ID NO 6 72 73 <211> LENGTH: 34 <212> TYPE: PRT 74 <213> ORGANISM: Homo sapiens 76 <220> FEATURE: 77 <221> NAME/KEY: MUTAGEN 78 <222> LOCATION: (15) <223> OTHER INFORMATION: Ile --> Ala 80 <220> FEATURE: <221> NAME/KEY: MUTAGEN <222> LOCATION: (16) 82 83 <223> OTHER INFORMATION: Leu --> Ala 84 <220> FEATURE: 85 <221> NAME/KEY: MUTAGEN 86 <222> LOCATION: (19) 87 <223> OTHER INFORMATION: Leu --> Ala 88 <220> FEATURE: 89 <221> NAME/KEY: MUTAGEN 90 <222> LOCATION: (20)

<223> OTHER INFORMATION: Leu --> Ala

91

93

92 <220> FEATURE:

<221> NAME/KEY: MUTAGEN <222> LOCATION: (16)..(20)

PAGE: 3 RAW SEQUENCE LISTING DATE: 04/24/2000

PATENT APPLICATION US/09/281,717 TIME: 19:33:37

```
<223> OTHER INFORMATION: Leu(16) --> Ala; Leu(20) --> Ala
     <220> FEATURE:
 96
     <221> NAME/KEY: MUTAGEN
 98
      <222> LOCATION: (15)..(16)
 99
     <223> OTHER INFORMATION: IleLeu --> AlaAla
      <220> FEATURE:
100
     <221> NAME/KEY: MUTAGEN
101
102
      <222> LOCATION: (17)..(18)
     <223> OTHER INFORMATION: HisArg --> AlaAla
103
     <220> FEATURE:
104
      <221> NAME/KEY: MUTAGEN
105
     <222> LOCATION: (19)..(20)
106
     <223> OTHER INFORMATION: LeuLeu --> AlaAla
107
108
     <220> FEATURE:
      <221> NAME/KEY: MUTAGEN
109
110
     <222> LOCATION: (15)
111
     <223> OTHER INFORMATION: Ile --> Phe
     <220> FEATURE:
112
113
     <221> NAME/KEY: MUTAGEN
     <222> LOCATION: (16)
114
     <223> OTHER INFORMATION: Leu --> Phe
115
     <220> FEATURE:
116
     <221> NAME/KEY: MUTAGEN
117
     <222> LOCATION: (19)
118
119
     <223> OTHER INFORMATION: Leu --> Phe
     <220> FEATURE:
120
121
     <221> NAME/KEY: MUTAGEN
122
     <222> LOCATION: (20)
     <223> OTHER INFORMATION: Leu --> Phe
123
      <400> SEQUENCE: 6
            Pro Gly Ser Thr His Gly Thr Ser Leu Lys Glu Lys His Lys Ile Leu
125
                            5
                                               10
127
           His Arg Leu Leu Gln Asp Ser Ser Pro Val Asp Leu Ala Lys Leu
128
                                             25
129
           Thr Ala
     <210> SEQ ID NO 7
130
     <211> LENGTH: 31
131
132
     <212> TYPE: PRT
     <213> ORGANISM: Homo sapiens
133
134
     <400> SEQUENCE: 7
           Glu Pro Ala Ser Pro Lys Lys Glu Asn Ala Leu Leu Arg Tyr Leu
135
136
                             5
                                                10
           Leu Asp Lys Asp Asp Thr Lys Asp Ile Gly Leu Pro Glu Ile Thr
137
138
                         20
                                            25
139
     <210> SEQ ID NO 8
140
     <211> LENGTH: 34
     <212> TYPE: PRT
142
     <213> ORGANISM: Homo sapiens
143
     <400> SEQUENCE: 8
           Ala Asp Gly Gln Ser Arg Leu His Asp Ser Lys Gly Gln Thr Lys Leu
144
```

DATE: 04/24/2000

TIME: 19:33:37

PAGE: 4 RAW SEQUENCE LISTING

PATENT APPLICATION US/09/281,717

Input Set: I281717.RAW

145 5 10 15 Leu Gln Leu Leu Thr Thr Lys Ser Glu Gln Met Glu Pro Ser Pro Leu 146 25 147 148 Ala Ser 149 <210> SEQ ID NO 9 <211> LENGTH: 34 150 <212> TYPE: PRT 151 152 <213> ORGANISM: Homo sapiens 153 <400> SEQUENCE: 9 Ser Gly Ser Thr His Gly Thr Ser Leu Lys Glu Lys His Lys Ile Leu 10 155 His Arg Leu Leu Gln Asp Ser Ser Pro Val Asp Leu Ala Lys Leu 156 20 157 25 Thr Ala 158 159 <210> SEQ ID NO 10 160 <211> LENGTH: 31 <212> TYPE: PRT 161 <213> ORGANISM: Homo sapiens 162 163 <400> SEQUENCE: 10 Glu Pro Val Ser Pro Lys Lys Glu Asn Ala Leu Leu Arg Tyr Leu 164 10 166 Leu Asp Lys Asp Asp Thr Lys Asp Ile Gly Leu Pro Glu Ile Thr 167 25 168 <210> SEQ ID NO 11 169 <211> LENGTH: 34 <212> TYPE: PRT 170 171 <213> ORGANISM: Homo sapiens <400> SEQUENCE: 11 172 Ala Glu Gly His Ser Arg Leu His Asp Ser Lys Gly Gln Thr Lys Leu 173 174 10 175 Leu Gln Leu Leu Thr Thr Lys Ser Glu Gln Met Glu Pro Ser Pro Leu 176 25 177 Pro Ser 178 <210> SEQ ID NO 12 179 <211> LENGTH: 34 <212> TYPE: PRT <213> ORGANISM: Homo sapiens 181 <400> SEQUENCE: 12 182 Pro Gly Ser Thr His Gly Thr Ser Leu Lys Glu Lys His Lys Ile Leu 183 10 His Arg Leu Leu Gln Asp Ser Ser Pro Val Asp Leu Ala Lys Leu 185 186 20 25 187 Thr Ala 188 <210> SEQ ID NO 13 <211> LENGTH: 31 189 190 <212> TYPE: PRT 191 <213> ORGANISM: Homo sapiens 192 <400> SEQUENCE: 13 Glu Pro Ala Ser Pro Lys Lys Glu Asn Ala Leu Leu Arg Tyr Leu 193 194 5 10

RAW SEQUENCE LISTING

DATE: 04/24/2000 TIME: 19:33:37

PATENT APPLICATION US/09/281,717

Input Set: I281717.RAW

```
Leu Asp Lys Asp Asp Thr Lys Asp Ile Gly Leu Pro Ser Ile Thr
   195
   196
                                                 25
                            20
   197 . <210> SEQ ID NO 14
         <211> LENGTH: 34
   198
   199
         <212> TYPE: PRT
   200
         <213> ORGANISM: Homo sapiens
   201
         <400> SEQUENCE: 14
               Ala Glu Asn Gln Arg Gly Pro Leu Glu Ser Lys Gly His Lys Lys Leu
   202
   203
                 1
                                                     10
   204
               Leu Gln Leu Leu Thr Cys Ser Ser Glu Asp Arg Gly His Ser Ser Leu
   205
                                                 25
   206
               Thr Asn
   207
         <210> SEQ ID NO 15
   208
         <211> LENGTH: 34
   209
         <212> TYPE: PRT
   210
         <213> ORGANISM: Homo sapiens
   211
         <400> SEQUENCE: 15
   212
               Thr Ser Asn Met His Gly Ser Leu Leu Gln Glu Lys His Arg Ile Leu
   213
   214
               His Lys Leu Gln Asn Gly Asn Ser Pro Ala Glu Val Ala Lys Ile
   215
                            20
                                                 25
   216
               Thr Ala
   217
         <210> SEQ ID NO 16
   218
         <211> LENGTH: 32
   219
         <212> TYPE: PRT
   220
         <213> ORGANISM: Homo sapiens
   221
         <400> SEQUENCE: 16
               Glu Gln Leu Ser Pro Lys Lys Glu Asn Asn Ala Leu Leu Arg Tyr
   222
   223
   224
               Leu Leu Asp Arg Asp Asp Pro Ser Asp Val Leu Ala Lys Lys Leu Gln
   225
                            20
   226
         <210> SEQ ID NO 17
   227
         <211> LENGTH: 34
   228
         <212> TYPE: PRT
   229
         <213> ORGANISM: Homo sapiens
   230
         <400> SEQUENCE: 17
   231
               Ala Glu Asn Gln Arg Gly Pro Leu Glu Ser Lys Gly His Lys Lys Leu
   232
   233
               Leu Gln Leu Leu Thr Cys Ser Ser Asp Asp Arg Gly His Ser Ser Leu
   234
                            20
   235
               Thr Asn
   236
         <210> SEQ ID NO 18
   237
         <211> LENGTH: 34
   238
         <212> TYPE: PRT
  239
         <213> ORGANISM: Homo sapiens
         <400> SEQUENCE: 18
   241
               Thr Ser Asn Met His Gly Ser Leu Leu Gln Glu Lys His Arg Ile Leu
   242
               His Lys Leu Gln Asn Gly Asn Ser Pro Ala Glu Val Ala Lys Ile
  243
                            20
                                                 25
Please Note:
```

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY PATENT APPLICATION US/09/281,717

DATE: 04/24/2000 TIME: 19:33:37

Line	?	Error/Warning					Original Text												
	-					 -												·	
27	W	"N"	or	"Xaa"	used:	Feature	required		Leu	Xaa	Xaa	Leu	Leu						
38	W	"N"	or	"Xaa"	used:	Feature	required		Ile	Leu	Xaa	Xaa	Leu	Leu					
49	W	"N"	or	"Xaa"	used:	Feature	required		Phe	Xaa	Xaa	Leu	\mathtt{Trp}						
60	W	"N"	or	"Xaa"	used:	Feature	required		Phe	Xaa	Xaa	Ala	Leu						
350	W	"N"	or	"Xaa"	used:	Feature	required		Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Ser	X
352	W	"N"	or	"Xaa"	used:	Feature	required		Xaa	${\tt Gln}$	Leu	Leu	Thr	Xaa	Xaa	Xaa	Xaa	Xaa	X
354	W	"N"	or	"Xaa"	used:	Feature	required		Xaa	Xaa									
408	W	"N"	or	"Xaa"	used:	Feature	required		Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Leu	Xaa	G
410	W	"N"	or	"Xaa"	used:	Feature	required		His	Xaa	Leu	Leu	Gln	Xaa	Xaa	Xaa	Ser	Pro	X
412	W	"N"	or	"Xaa"	used:	Feature	required		Xaa	Xaa						*			
446	W	"N"	or	"Xaa"	used:	Feature	required		Glu	Xaa	Xaa	Xaa	Xaa	Lys	Lys	Lys	Glu	Xaa	x
448	W	"N"	or	"Xaa"	used:	Feature	required		Arg	Tyr	Leu	Leu	Asp	Xaa	Asp	Xaa	Xaa	Xaa	X
450	W	"N"	or	"Xaa"	used:	Feature	required		Xaa	Xaa									•

Ogihara, Nigs19

1631 (Rush)

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000

TIME: 14:02:59

Input Set: I281717.RAW

This Raw Listing contains the General Information Section and up to first 5 pages.

```
Does Not Comply
Corrected Diskette Needed
      <110> APPLICANT: Baxter, John D.
  1
            Darimont, Beatrice
  3
            Feng, Weijun
  4
            Fletterick, Robert J.
  5
            Kushner, Peter J.
  6
            Wagner, Richard L.
  7
            West, Brian
  8
            Yamamoto, Keith R.
      <120> TITLE OF INVENTION: METHODS AND COMPOUNDS FOR MODULATING NUCLEAR RECEPTOR
  9
            COACTIVATOR BINDING
 10
      <130> FILE REFERENCE: UCAL-253/02US
 11
 12
      <140> CURRENT APPLICATION NUMBER: US/09/281,717
      <141> CURRENT FILING DATE: 1999-03-30
      <150> EARLIER APPLICATION NUMBER: US 60/079,956
 14
      <151> EARLIER FILING DATE: 1998-03-30
 15
      <160> NUMBER OF SEQ ID NOS: 51
 16
 17
      <170> SOFTWARE: PatentIn Ver. 2.1
      <210> SEQ ID NO 1
 18
 19
      <211> LENGTH: 5
      <212> TYPE: PRT
 20
      <213> ORGANISM: Homo sapiens
      <220> FEATURE:
 22
      <221> NAME/KEY: SITE
 23
 24
      <222> LOCATION: (2)..(3)
      <223> OTHER INFORMATION: Xaa = Any Amino Acid
      <400> SEQUENCE: 1
 26
            Leu Xaa Xaa Leu Leu
 28
              1
 29
      <210> SEQ ID NO 2
 30
      <211> LENGTH: 6
 31
      <212> TYPE: PRT
      <213> ORGANISM: Homo sapiens
      <220> FEATURE:
 33
 34
      <221> NAME/KEY: SITE
 35
      <222> LOCATION: (3)..(4)
      <223> OTHER INFORMATION: Xaa = Any Amino Acid
37
      <400> SEQUENCE: 2
38
            Ile Leu Xaa Xaa Leu Leu
 39
              1
      <210> SEQ ID NO 3
 40
      <211> LENGTH: 5
 41
 42
      <212> TYPE: PRT
 43
      <213> ORGANISM: Homo sapiens
     <220> FEATURE:
```

RAW SEQUENCE LISTING

DATE: 04/24/2000 TIME: 14:02:59

PATENT APPLICATION US/09/281,717

```
. 45
       <221> NAME/KEY: SITE
  46
       <222> LOCATION: (2)..(3)
  47 <223> OTHER INFORMATION: Xaa = Any Amino Acid
       <400> SEQUENCE: 3
             Phe Xaa Xaa Leu Trp
  49
  50
              1
  51
       <210> SEQ ID NO 4
       <211> LENGTH: 5
  52
  53
       <212> TYPE: PRT
  54
       <213> ORGANISM: Homo sapiens
       <220> FEATURE:
       <221> NAME/KEY: SITE
  56
       <222> LOCATION: (2)..(3)
  57
       <223> OTHER INFORMATION: Xaa = Any Amino Acid
  58
       <400> SEQUENCE: 4
  59
             Phe Xaa Xaa Ala Leu
  61
               1
  62
       <210> SEQ ID NO 5
       <211> LENGTH: 34
  63
       <212> TYPE: PRT
  64
       <213> ORGANISM: Homo sapiens
  65
       <400> SEQUENCE: 5
             Ala Glu Gly His Ser Arg Leu His Asp Ser Lys Gly Gln Thr Lys Leu
  67
  68
             Leu Gln Leu Leu Thr Thr Lys Ser Glu Gln Met Glu Pro Ser Pro Leu
  69
                                               25
  70
  71
             Ala Ser
       <210> SEQ ID NO 6
  72
  73
       <211> LENGTH: 34
  74
       <212> TYPE: PRT
       <213> ORGANISM: Homo sapiens
  75
  76
       <220> FEATURE:
       <221> NAME/KEY: MUTAGEN
  77
       <222> LOCATION: (15)
  78
  79
       <223> OTHER INFORMATION: Ile --> Ala
       <220> FEATURE:
  80
       <221> NAME/KEY: MUTAGEN
       <222> LOCATION: (16)
  82
       <223> OTHER INFORMATION: Leu --> Ala
  83
  84
       <220> FEATURE:
       <221> NAME/KEY: MUTAGEN
  86
       <222> LOCATION: (19)
  87
       <223> OTHER INFORMATION: Leu --> Ala
  88
       <220> FEATURE:
       <221> NAME/KEY: MUTAGEN
  90
       <222> LOCATION: (20)
  91
       <223> OTHER INFORMATION: Leu
  92
       <220> FEATURE:
  93
       <221> NAME/KEY: MUTAGEN
  94
       <222> LOCATION: (16)..(20)
```

DATE: 04/24/2000

PAGE: 3

144

RAW SEQUENCE LISTING PATENT APPLICATION US/09/281,717

TIME: 14:02:59 Input Set: I281717.RAW '<223> OTHER INFORMATION: Leu(16) --> Ala; Leu(20) --> Ala 96 <220> FEATURE: <221> NAME/KEY: MUTAGEN 97 -<222> LOCATION: (15) ...(16) ┌> AlaAla <223> OTHER INFORMATION: LeuLeu 99 <220> FEATURE: 100 <221> NAME/KEY: MUTAGEN <222> LOCATION: (17)..(18) 102 <223> OTHER INFORMATION: HisArg --> AlaAla 103 <220> FEATURE: 104 105 <221> NAME/KEY: MUTAGEN 106 <222> LOCATION: (19)..(20) <223> OTHER INFORMATION: LeuLeu --> AlaAla 107 <220> FEATURE: 108 109 <221> NAME/KEY: MUTAGEN 110 <222> LOCATION: (15) <223> OTHER INFORMATION: Ile --> Phe 111 <220> FEATURE: 112 <221> NAME/KEY: MUTAGEN 113 114 <222> LOCATION: (16) <223> OTHER INFORMATION: Leu --> Phe 115 <220> FEATURE: 116 117 <221> NAME/KEY: MUTAGEN <222> LOCATION: (19) 118 <223> OTHER INFORMATION: Leu --> Phe 119 <220> FEATURE: 120 <221> NAME/KEY: MUTAGEN 121 122 <222> LOCATION: (20) <223> OTHER INFORMATION: Leu --> Phe 123 <400> SEQUENCE: 6 124 Pro Gly Ser Thr His Gly Thr Ser Leu Lys Glu Lys His Lys Ile Leu 125 10 126 5 His Arg Leu Leu Gln Asp Ser Ser Pro Val Asp Leu Ala Lys Leu 127 25 128 129 Thr Ala <210> SEQ ID NO 7 130 131 <211> LENGTH: 31 <212> TYPE: PRT 132 <213> ORGANISM: Homo sapiens 133 <400> SEQUENCE: 7 134 Glu Pro Ala Ser Pro Lys Lys Lys Glu Asn Ala Leu Leu Arg Tyr Leu 135 10 136 5 Leu Asp Lys Asp Asp Thr Lys Asp Ile Gly Leu Pro Glu Ile Thr 137 25 138 20 139 <210> SEQ ID NO 8 140 <211> LENGTH: 34 141 <212> TYPE: PRT 142 <213> ORGANISM: Homo sapiens 143 <400> SEQUENCE: 8

Ala Asp Gly Gln Ser Arg Leu His Asp Ser Lys Gly Gln Thr Lys Leu

DATE: 04/24/2000 TIME: 14:02:59 RAW SEQUENCE LISTING PAGE:

PATENT APPLICATION US/09/281,717

145		1 5 10 15
146		Leu Gln Leu Leu Thr Thr Lys Ser Glu Gln Met Glu Pro Ser Pro Leu
147		. 20 25 30
148		Ala Ser
149	<210>	SEQ ID NO 9
150	<211>	LENGTH: 34
151	<212>	TYPE: PRT
152	<213>	ORGANISM: Homo sapiens
153	<400>	SEQUENCE: 9
154		Ser Gly Ser Thr His Gly Thr Ser Leu Lys Glu Lys His Lys Ile Leu
155		1 5 10 15
156		His Arg Leu Leu Gln Asp Ser Ser Pro Val Asp Leu Ala Lys Leu
157		20 25 30
158		Thr Ala
159	<210>	SEQ ID NO 10
160		LENGTH: 31
161	<212>	TYPE: PRT
162	<213>	ORGANISM: Homo sapiens
163		SEQUENCE: 10
164		Glu Pro Val Ser Pro Lys Lys Glu Asn Ala Leu Leu Arg Tyr Leu
165		1 5 10 15
166		Leu Asp Lys Asp Asp Thr Lys Asp Ile Gly Leu Pro Glu Ile Thr
167		20 25 30
168	<210>	SEQ ID NO 11
169	<211>	LENGTH: 34
170	<212>	TYPE: PRT
171	<213>	ORGANISM: Homo sapiens
172	<400>	SEQUENCE: 11
173		Ala Glu Gly His Ser Arg Leu His Asp Ser Lys Gly Gln Thr Lys Leu
174		1 5 10 15
175		Leu Gln Leu Leu Thr Thr Lys Ser Glu Gln Met Glu Pro Ser Pro Leu
176		20 25 30
177		Pro Ser
178	<210>	SEQ ID NO 12
179	<211>	LENGTH: 34
180	<212>	TYPE: PRT
181	<213>	ORGANISM: Homo sapiens
182	<400>	SEQUENCE: 12
183		Pro Gly Ser Thr His Gly Thr Ser Leu Lys Glu Lys His Lys Ile Leu
184		1 5 10 15
185		His Arg Leu Leu Gln Asp Ser Ser Pro Val Asp Leu Ala Lys Leu
186		20 25 30
187		Thr Ala
188	<210>	SEQ ID NO 13
189	<211>	LENGTH: 31
190	<212>	TYPE: PRT
191	<213>	ORGANISM: Homo sapiens
192	<400>	SEQUENCE: 13
193		Glu Pro Ala Ser Pro Lys Lys Lys Glu Asn Ala Leu Leu Arg Tyr Leu
194		1 5 10 15

PAGE: 5.

RAW SEQUENCE LISTING PATENT APPLICATION US/09/281,717

DATE: 04/24/2000 TIME: 14:02:59

Input Set: I281717.RAW

```
Leu Asp Lys Asp Asp Thr Lys Asp Ile Gly Leu Pro Ser Ile Thr
   195
   196
                             20.
         <210> SEQ ID NO 14
   197
         <211> LENGTH: 34
   198
         <212> TYPE: PRT
   199
   200
         <213> ORGANISM: Homo sapiens
   201
         <400> SEQUENCE: 14
               Ala Glu Asn Gln Arg Gly Pro Leu Glu Ser Lys Gly His Lys Lys Leu
   202
                                                      10
   203
                 1
               Leu Gln Leu Leu Thr Cys Ser Ser Glu Asp Arg Gly His Ser Ser Leu
   204
   205
   206
               Thr Asn
   207
         <210> SEQ ID NO 15
         <211> LENGTH: 34
   208
   209
         <212> TYPE: PRT
   210
         <213> ORGANISM: Homo sapiens
         <400> SEQUENCE: 15
   211
               Thr Ser Asn Met His Gly Ser Leu Leu Gln Glu Lys His Arg Ile Leu
   212
                                                      10
   213
               His Lys Leu Leu Gln Asn Gly Asn Ser Pro Ala Glu Val Ala Lys Ile
   214
                             20
                                                  25
   215
   216
               Thr Ala
   217
         <210> SEQ ID NO 16
         <211> LENGTH: 32
   218
         <212> TYPE: PRT
   219
         <213 > ORGANISM: Homo sapiens
   220
   221
         <400> SEQUENCE: 16
               Glu Gln Leu Ser Pro Lys Lys Glu Asn Asn Ala Leu Leu Arg Tyr
   222
   223
                                                      10
               Leu Leu Asp Arg Asp Asp Pro Ser Asp Val Leu Ala Lys Lys Leu Gln
   224
   225
                                                 25
                             20
         <210> SEQ ID NO 17
   226
         <211> LENGTH: 34
   227
   228
         <212> TYPE: PRT
   229
         <213> ORGANISM: Homo sapiens
   230
         <400> SEQUENCE: 17
               Ala Glu Asn Gln Arg Gly Pro Leu Glu Ser Lys Gly His Lys Lys Leu
   231
   232
               Leu Gln Leu Leu Thr Cys Ser Ser Asp Asp Arg Gly His Ser Ser Leu
   233
   234
                             20
   235
               Thr Asn
         <210> SEQ ID NO 18
   236
   237
         <211> LENGTH: 34
         <212> TYPE: PRT
   238
   239
         <213> ORGANISM: Homo sapiens
   240
         <400> SEQUENCE: 18
               Thr Ser Asn Met His Gly Ser Leu Leu Gln Glu Lys His Arg Ile Leu
   241
                                                     10 .
   242
                 1
                                  5
               His Lys Leu Leu Gln Asn Gly Asn Ser Pro Ala Glu Val Ala Lys Ile
                                                 25
                             20
Please Note:
```

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

PAGE.

VERIFICATION SUMMARY
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000 TIME: 14:02:59

		-																		
Line	?	Erro	Error/Warning						Original Text											
	-																			
27	W	"N"	or	"Xaa"	used:	Feature	required	Leu	Xaa	Xaa	Leu	Leu								
38	W	"N"	or	"Xaa"	used:	Feature	required	Ile	Leu	Xaa	Xaa	Leu	Leu							
49	W	"N"	or	"Xaa"	used:	Feature	required	Phe	Xaa	Xaa	Leu	Trp								
60	W	"N"	or	"Xaa"	used:	Feature	required	Phe	Xaa	Xaa	Ala	Leu								
350	W	"N"	or	"Xaa"	used:	Feature	required	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Ser	X		
352	W	"N"	or	"Xaa"	used:	Feature	required	Xaa	Gln	Leu	Leu	Thr	Xaa	Xaa	Xaa	Xaa	Xaa	X		
354	W	"N"	or	"Xaa"	used:	Feature	required	Xaa	Xaa											
408	W	"N"	or	"Xaa"	used:	Feature	required	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Leu	Xaa	G		
410	W	"N"	or	"Xaa"	used:	Feature	required	His	Xaa	Leu	Leu	Gln	Xaa	Xaa	Xaa	Ser	Pro	X		
412	W	"N"	or	"Xaa"	used:	Feature	required	Xaa	Xaa											
446	W	"N"	or	"Xaa"	used:	Feature	required	Glu	Xaa	Xaa	Xaa	Xaa	Lys	Lys	Lys	Glu	Xaa	X		
448	W	"N"	or	"Xaa"	used:	Feature	required	Arg	Tyr	Leu	Leu	Asp	Xaa	Asp	Xaa	Xaa	Xaa	X		
450	W	"N"	or	"Xaa"	used:	Feature	required	Xaa	Xaa											